

Basic Parameters

Model	-	KWH12AYCXB-K6DNA2A
Product Code	-	CB654001600
Power Supply	Rated Voltage	V~ 220-240
	Rated Frequency	Hz 50
	Phases	- 1
Power Supply Mode	-	Outdoor
Cooling Capacity	W	3510
Heating Capacity	W	3810
Cooling Power Input	W	962
Heating Power Input	W	953
Cooling Current Input	A	4.6
Heating Current Input	A	4.7
Rated Input	W	1800
Rated Cooling Current	A	6.9
Rated Heating Current	A	8
Air Flow Volume	m ³ /h	650/580/530/440/380/330/310/200
Dehumidifying Volume	L/h	1.40
EER	W/W	3.649
COP	W/W	3.998
SEER	-	7.1
SCOP (Average/Warmer/Colder)	-	4.1/5.2/3.1
Application Area	m ²	16-24

Indoor Unit Parameters

Indoor Unit Model	-	KWH12AYCXB-K6DNA2A/I
Indoor Unit Product Code	-	CB654N01600
Fan Type	-	Cross-flow
Fan Diameter Length (D×L)	mm	Φ94×630
Cooling Speed	r/min	1350/1200/1100/1000/920/850/750/500
Heating Speed	r/min	1300/1200/1120/1050/980/900/850
Fan Motor Power Output	W	15
Fan Motor RLA	A	0.20
Fan Motor Capacitor	μF	/
Evaporator Form	-	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	Φ5
Evaporator Row-fin Gap	mm	2-1.3
Evaporator Coil Length (L×D×W)	mm	634×22.8×266.7
Swing Motor Model	-	MP24HF/MP24HF
Swing Motor Power Output	W	1.5/1.5
Fuse Current	A	3.15
Sound Pressure Level	dB (A)	Cooling:43/39/37/34/31/28/25/20 Heating:41/38/36/34/32/29/27
Sound Power Level	dB (A)	Cooling:59/51/49/46/43/40/37/32 Heating:55/52/50/48/46/43/41
Dimension (W×H×D)	mm	890X276X206
Dimension of Carton Box (L×W×H)	mm	944X334X264
Dimension of Package (L×W×H)	mm	949X350X275
Net Weight	kg	9
Gross Weight	kg	11

Outdoor Unit Parameters

Outdoor Unit Model	-	KWH12ATCXB-K6DNA1A/O
Outdoor Unit Product Code	-	CB574W00700
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
Compressor Model	-	FTz-AN108ACBD
Compressor Oil	-	FW68DA or equivalent
Compressor Type	-	Rotary
Compressor LRA.	A	/
Compressor RLA	A	4.40
Compressor Power Input	W	/
Compressor Overload Protector	-	/
Throttling Method	-	Electron expansion valve
Set Temperature Range	°C	16~30
Cooling Operation Ambient Temperature Range	°C	-15~50
Heating Operation Ambient Temperature Range	°C	-25~30
Condenser Form	-	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	Φ7.94
Condenser Rows-fin Gap	mm	1-1.2
Condenser Coil Length (L×D×W)	mm	666×19.05×527
Fan Motor Speed	rpm	900
Fan Motor Power Output	W	35
Fan Motor RLA	A	0.40
Fan Motor Capacitor	μF	/
Outdoor Unit Air Flow Volume	m ³ /h	1950
Fan Type	-	Axial-flow

Fan Diameter	mm	Φ400
Defrosting Method	-	Automatic Defrosting
Climate Type	-	T1
Isolation	-	I
Moisture Protection	-	IPX4
Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
Sound Pressure Level	dB (A)	52
Sound Power Level	dB (A)	62
Dimension (W×H×D)	mm	732X555X330
Dimension of Carton Box (L×W×H)	mm	791X373X590
Dimension of Package (L×W×H)	mm	794X376X615
Net Weight	kg	25.5
Gross Weight	kg	28
Refrigerant	-	R32
Refrigerant Charge	kg	0.55

Connection Pipe Parameters

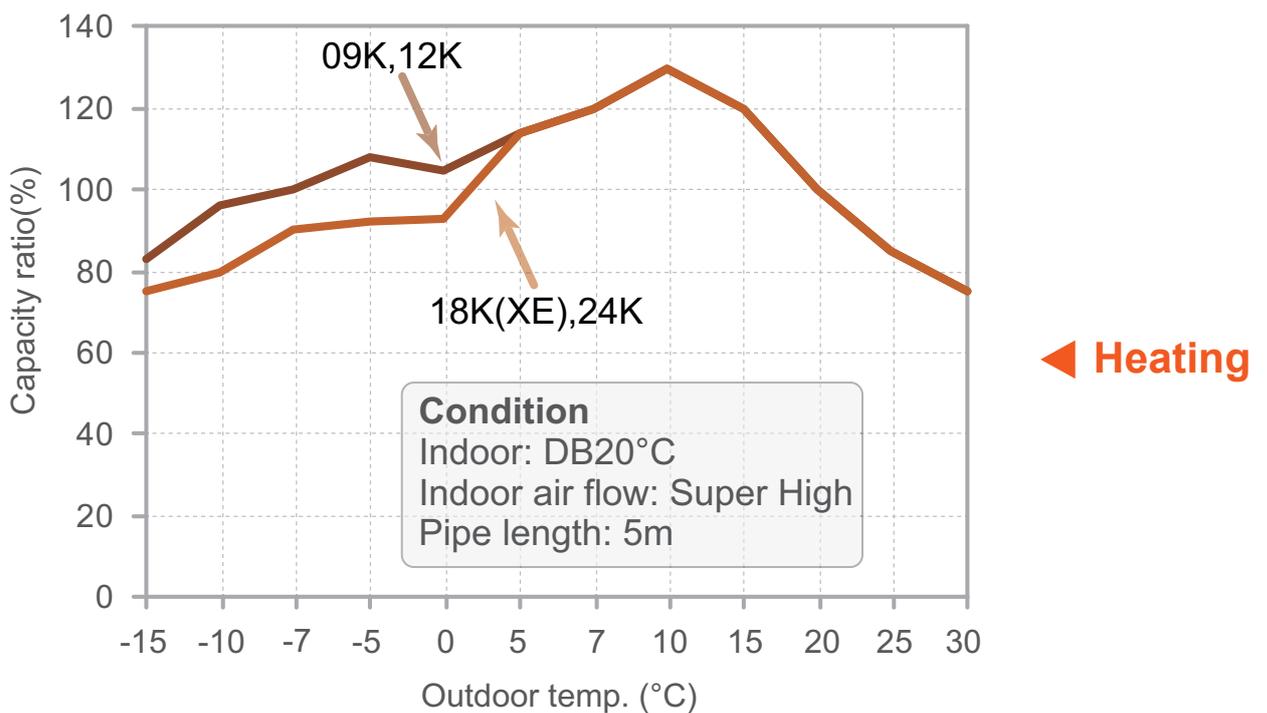
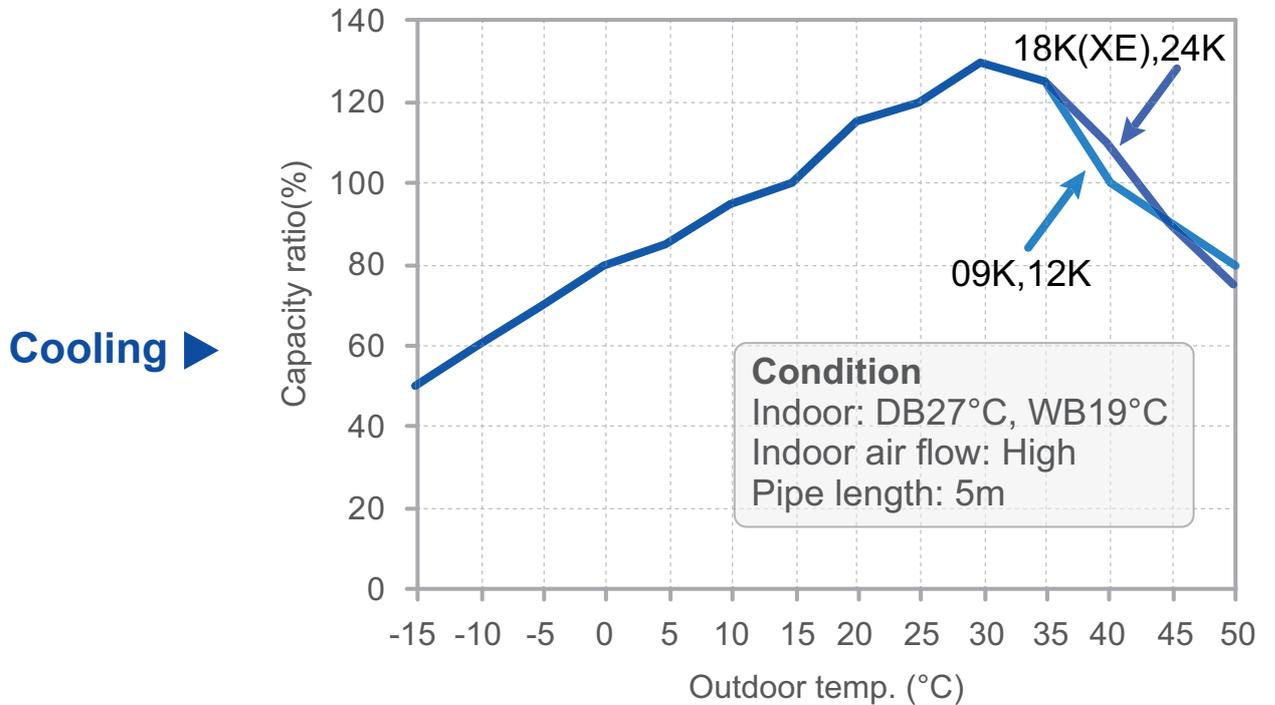
Connection Pipe Length	m	5
Connection Pipe Gas Additional Charge	g/m	16
Outer Diameter Liquid Pipe	inch	1/4
Outer Diameter Gas Pipe	inch	3/8
Max Distance Height	m	10
Max Distance Length	m	20

Note: The connection pipe applies metric diameter.

The above data is subject to change without notice. Please refer to the nameplate of the unit.

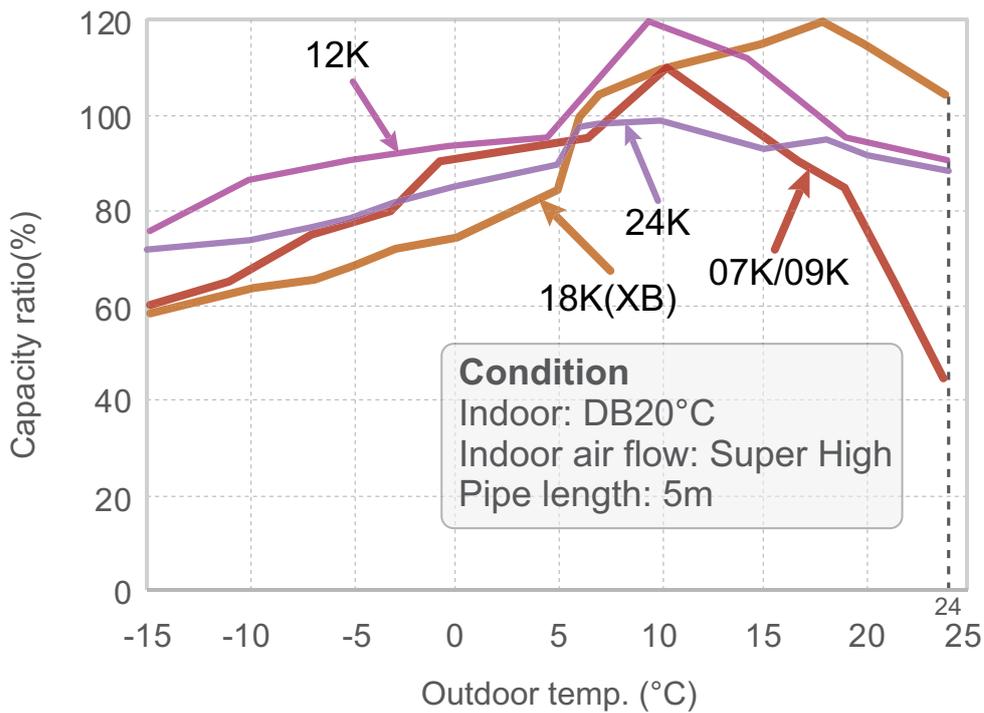
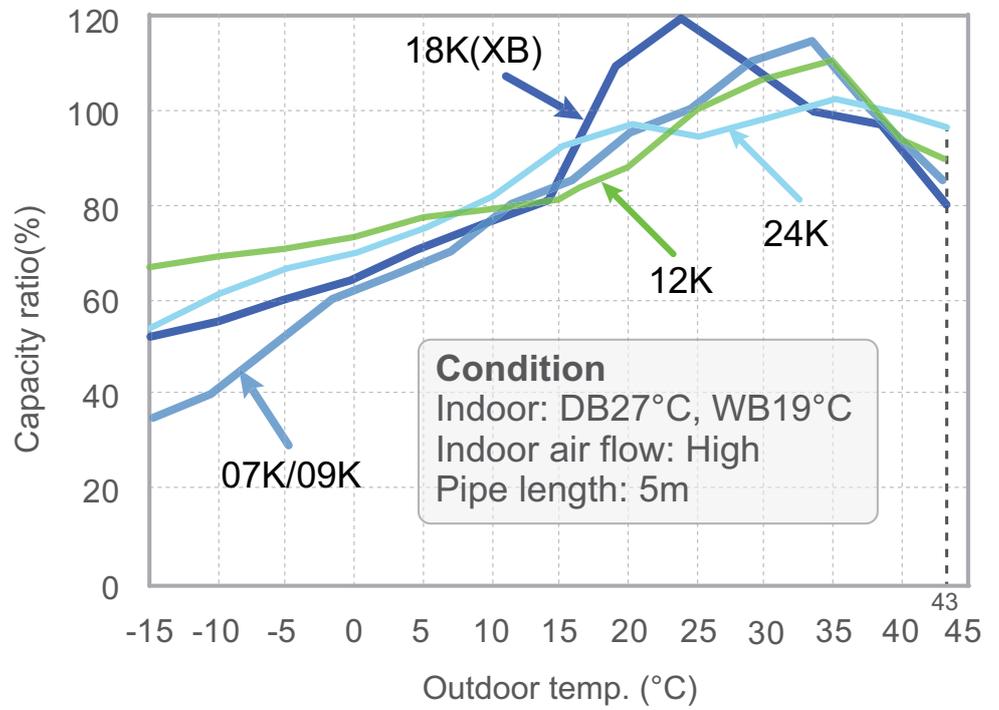
3.2 Capacity Variation Ratio According to Temperature

Heating operation ambient temperature range is -15°C~30°C.



Heating operation ambient temperature range is -15°C~24°C.

Cooling ►

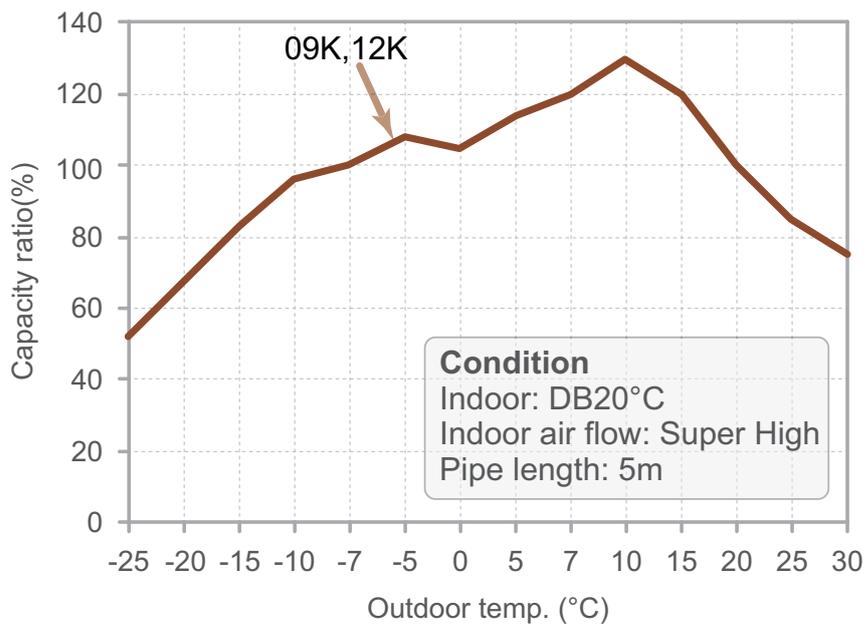
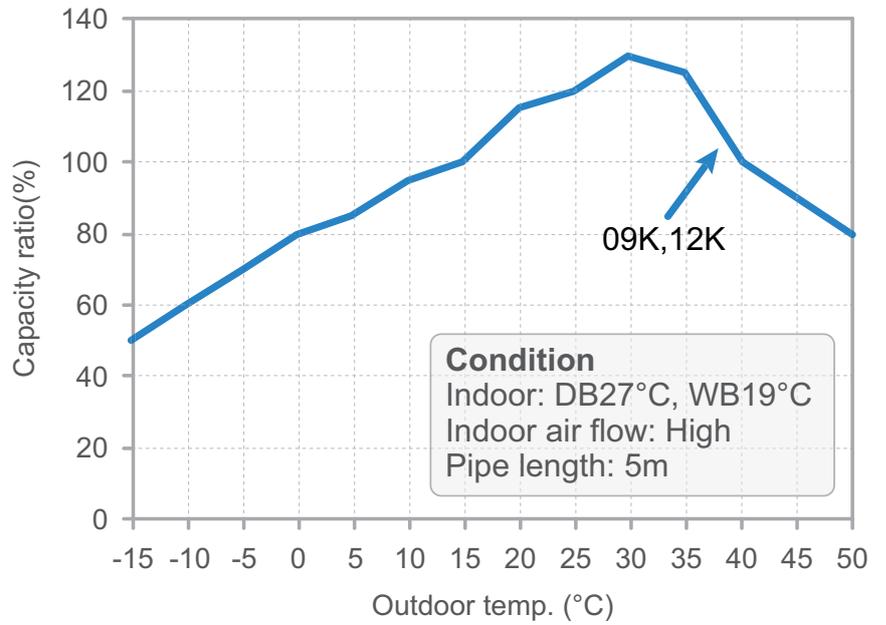


◀ Heating

09K / 12K

Heating operation ambient temperature range is -25°C~30°C.

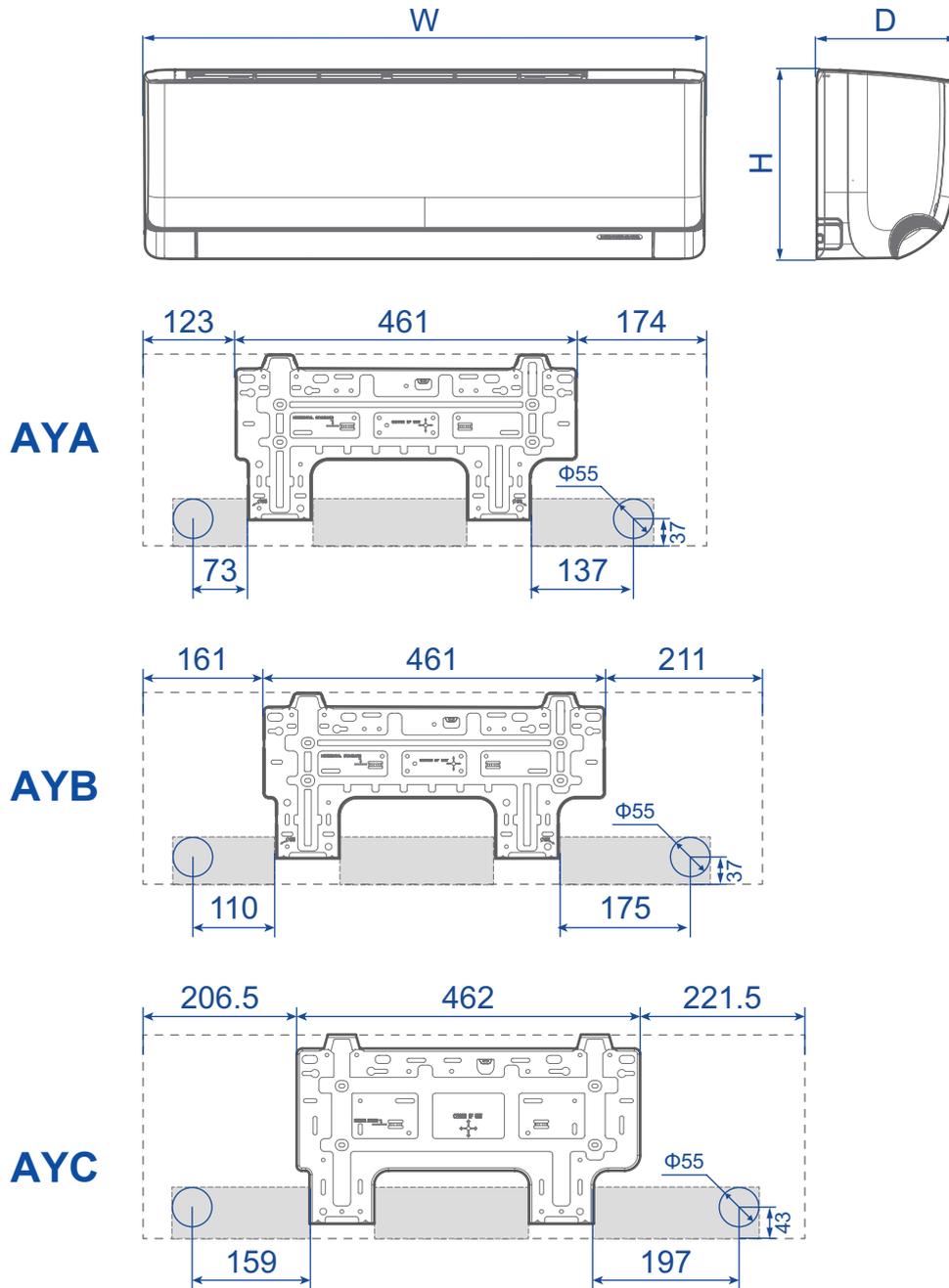
Cooling ▶



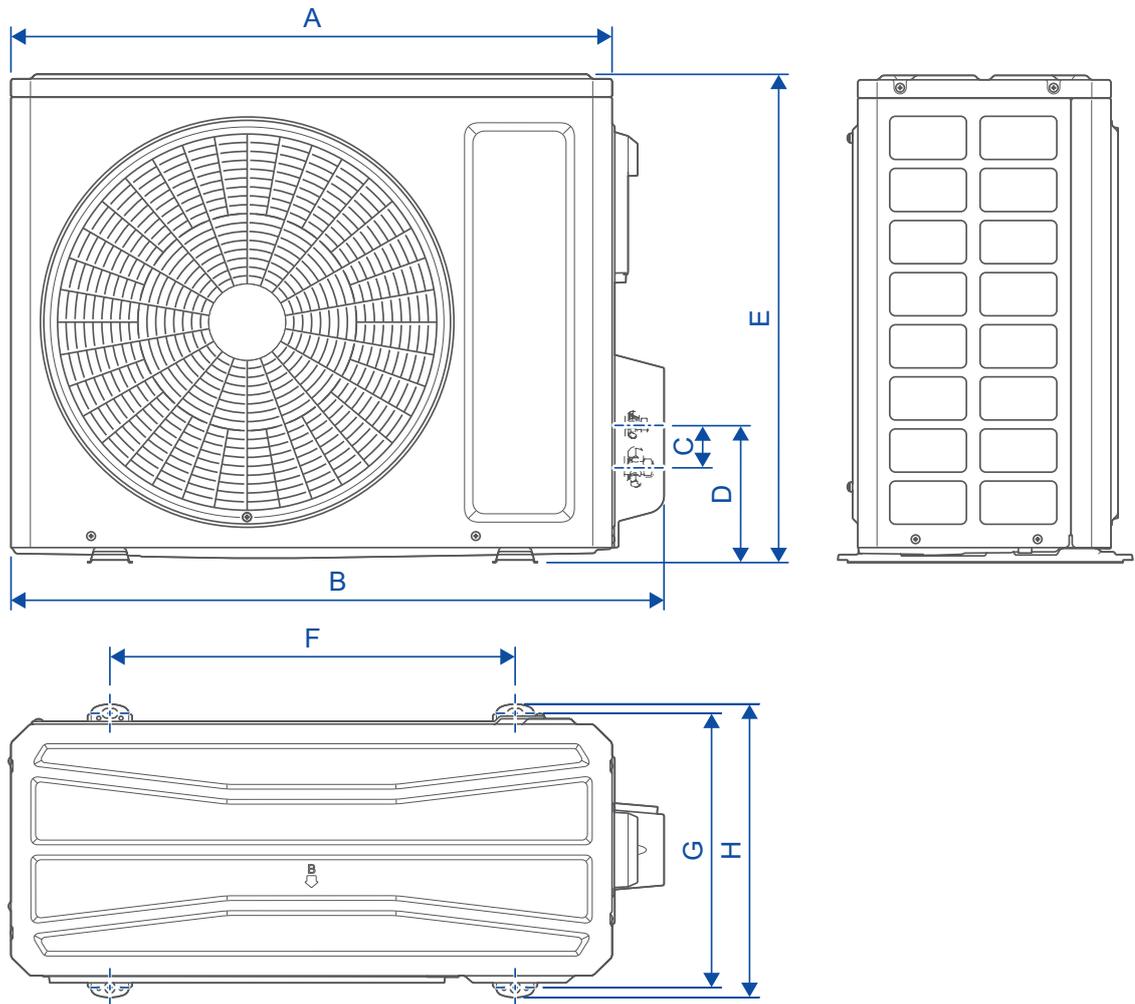
◀ **Heating**

4. Outline Dimension Diagram

4.1 Indoor Unit



4.2 Outdoor Unit



NOTE: The appearance of outdoor unit is for reference only.

Unit: mm

Outdoor Unit Model	A	B	C	D	E	F	G	H
GWH07AGA-K6DNA1A/O	650	710	65	158.8	450	430	271	293
GWH09AGAXB-K6DNA1B/O GWH09AWAXB-K6DNA1C/O GWH09ACAXB-K6DNA1G/O GWH09ATCXB-K6DNA1A/O GWH12ATBXB-K6DNA1D/O GWH12ATCXB-K6DNA1A/O GWH12AWBXB-K6DNA3F/O GWH18ATDXB-K6DNA1A/O	675	732	65	163	555	455	310	330
GWH12AWCXD-K6DNA1D/O GWH18ATDXD-K6DNA1A/O	745	802	65	163	555	513	331	350
GWH18AWDXE-K6DNA4A/O GWH24ATDXE-K6DNA1D/O GWH24ATDXE-K6DNA1A/O	805	873	65	164	555	528	349	376
GWH24AVEXF-K6DNA1A/O GWH24AFE-K6DNA2I/O	889	958	65	165.6	660	570	371	402